



Photo by Rob Mitchell

Being Black at MIT: isolation

By Barb Moore

One of the least visible yet most active minorities at MIT is the black student population.

Although there are no statistics available on the number of black students enrolled, estimates range from 150 to 300, making it one of the smallest minorities on campus. Yet, the Black Student Union (BSU), comprised totally of black MIT students, is considered one of the most active and cohesive student groups at MIT.

Phil Hampton '76, co-chairman of BSU, pegs the group's membership at about 50. Although not all black students are members of BSU, its representation seems to be more complete than that of the Undergraduate Association (UA). Since the percentage of black students who belong to BSU is higher than the percentage of the overall student body who vote in the UA elections,

The black students at MIT express many of the same dissatisfactions that members of any minority group feel. There are often feelings of isolation

and lack of support. Jimmie Russell '75 stated that although most blacks are not happy at MIT it is not necessarily a function of the Institute. "It happens to be the place where growing and maturing begin, and the black student begins to question his place in society. If MIT is the place where it happens, you blame MIT."

Debbie Thompson '78 agrees that MIT is not totally at fault. She said that she is no less happy here than at another school. "Blacks at MIT are a very select group. You've already accepted the workload, the isolation, and having to deal with whites."

Most of the complaints center around the feeling that MIT is not responsive to the needs of blacks. Thompson continued that "MIT is not responsive to anybody's needs," including those of black students. Russell agreed that "students in general are treated poorly," at MIT adding that education ranks "about nine on a scale of ten in importance."

Carola Eisenberg, Dean for Student Affairs, stated, "Society has not faced the prob-

lem squarely. They are not the problems of the blacks; they are problems of society." She noted that MIT as an institution has not been able to provide the atmosphere needed by minority students, especially those with poor educational backgrounds. "MIT is slowly and painfully learning to provide a more supportive atmosphere for minority students," she said.

(Please turn to page 3)

Chomsky calls US imperialistic

By Gerald Radack

United States foreign policy has been and will continue to be imperialistic in nature, MIT's Professor Noam A. Chomsky told an audience at Harvard Wednesday.

"The central concern of American foreign policy is to see that the oil reserves of the Middle East are under control of American oil corporations, which means not under the independent control of others," Chomsky said.

"Essentially the United States has succeeded in constructing a stable system within the Middle East oil producers in which the United States has control," Chomsky added.

Chomsky at a "Teach-In on Cyprus," which was held in an auditorium at the Harvard Science Center on Wednesday evening. The teach-in, sponsored by the Cyprus Solidarity Committee, a group based in Cambridge, was held to organize relief efforts for 200,000 Cypriots who are refugees from the recent war on Cyprus.

"United States actions in July undoubtedly intended to support the coup that replaced Archbishop Makarios, who had been president of Cyprus since its independence in 1960, with the hopeless Sampson government," Chomsky said. He also said that "it is clear that the United States knew about the July 15 coup well over two weeks before it took place."

Chomsky told the group that the purpose of the "Cold War" was for "both superpowers (United States and Soviet Union) to remain in control over their respective dominions. This has now been formalized as detente, although a much more accurate word would be entente."

Institute plans to limit student access to files

By Norman D. Sandler

MIT students today began submitting formal requests to the Dean's Office for what they hope will be permission to view their personal files.

However, as the Family Educational Rights and Privacy Act of 1974 went into effect, the Institute announced its plans to limit access by students to their records, unless regulations to the contrary are issued by federal authorities.

In a statement circulated with the call to Wednesday's faculty meeting, Chancellor Paul E. Gray said that until further notice, files will be opened for inspection, although no confidential documents will be released to a student without the written consent of the original author. Letters of recommendation and evaluations dated before Nov. 19 (today) which are contained in the files are, therefore, exempt from the law under the MIT interpretation.

In the statement released Monday, Gray said, "The Institute reaffirms its responsibility for protecting fully the privacy rights of all individuals concerning whom it holds information, records and files." He promised that MIT would act

"in the spirit" of the new law, and said beginning today all appraisals, requests for information and applications handled by MIT will contain a statement to the effect that the information in them is subject to review by the individual involved.

The Gray statement also grants "persons responsible for the maintenance and control of information" at MIT the right to dispose of records after they are used, subject to federal regulations requiring certain categories of information to be retained.

Meanwhile, in Washington, a bureaucratic battle appears to be shaping up over who will be responsible for monitoring implementation of the privacy law and enforcing its compliance.

The "battle" is between the US Office of Education and the Department of Health, Education and Welfare. After a lengthy meeting last week, HEW Secretary Caspar Weinberger reportedly decided his office will take complaints regarding implementation of the law, but added no federal guidelines will be issued, and no action is expected at least until next spring.

New particle found in atomic nucleus

By Mike McNamiee

A new elementary particle that promises to help solve puzzling problems in nuclear physics has been simultaneously discovered by an MIT-directed research team and a team from Stanford University.

Discovery of the particle, announced simultaneously at the Stanford Linear Accelerator Center and the Brookhaven National Laboratories last Saturday, was made by the two groups independently, using different experiments which produced near-identical results.

The discovery of the particle was totally unpredicted and sudden, and the discoverers described the particle's properties as "totally unexpected." It is believed that the particle is a carrier for the so-called "weak atomic force," one of four forces discovered by nuclear physicists.

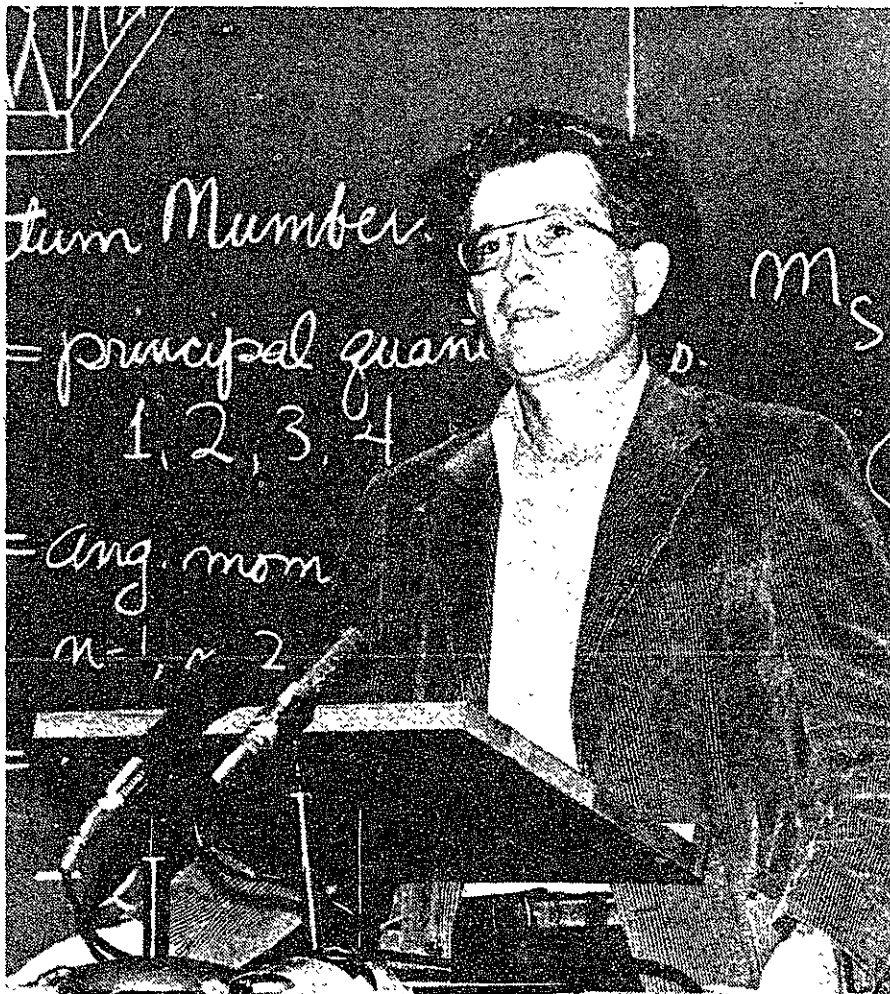
The MIT research team, directed by Professor of Physics Samuel C.C. Ting, discovered the

particle in experiments at Brookhaven's Alternating Gradient Synchrotron. While bombarding a proton target with beams of protons, the researchers discovered a large number of electron-positron pairs being generated with energies of approximately 3.1 billion electron volts, indicating creation of a particle with a mass equivalent to that energy.

The Stanford discovery was made in an entirely different manner, using colliding beams of electrons and positrons to produce the heavy particles. Due to the simultaneous discovery of the particle in different experiments, the announcement was made without confirmation by another laboratory, as is usually the case in such discoveries.

The new particle has some unusual properties which have not yet been explained by theoretical physicists. For instance, measurements indicate

(Please turn to page 2)



Noam Chomsky, Professor of Linguistics

Photo by Carl Mann



UMOC candidate Igor and Marcio Moraes, son of graduate student Tasso Moraes, compare double-jointed fingers in Building 10.
Photo by Rich Rehl

Six uglies compete for UMOC

By Mike McNamee

Campaigning started in the Ugliest Man on Campus contest yesterday, with six candidates vying for donations to go the CARE Famine Relief Fund.

Contributions gathered yesterday in the booth in the Lobby of Building 10 totaled \$193 according to members of Alpha Phi Omega service fraternity, which sponsors the annual contest. All the money gathered as "votes" for UMOC candidates will be donated to the CARE fund by APO after the contest ends at midnight Friday.

The UMOC candidates will campaign throughout the Institute during the week, as well as maintaining the booth in Building 10. They will also appear Thursday night at the traditional "UMOC Movie," which this year will feature an MIT classic, "The Social Beaver."

Three of the six candidates now running for the ugly honors joined the contest just last weekend, alleviating APO worries that the contest would

not attract as much attention as it has in the past. Only three candidates had announced prior to the original closing date for entries, necessitating an extension of the entry deadlines.

Few of the candidates seem to be running on natural ugliness, as gimmicks and make-up have become more popular in the last two years. Two of the candidates this year are running in make-up, and one is even running masked.

The candidates are:
— "Count UMOC" (Brian Hughes '77), who is running for the second year in a row. "The Count", who is assisted by his "faithful coffin keeper Igor," spends about \$10 each year on the make-up necessary for his vampire outfit — and still loses.
— "Maxwell's Demon" (Michael Bleiweiss '76), who is campaigning in a Maxwell's equation sweatshirt and pointed ears.

— Ed Schwalenburg, who upstaged costumed contestants last week by appearing at the APO office totally without costume. When told by APO offi-

cers that naked UMOC candidates were frowned upon, Schwalenburg promised to don clothing for the duration of the contest.

— Thomas Spisak, a former Harvard University special student whose only tie to MIT is that he was once a member of the Student Center Committee. Spisak's only comment on his candidacy to date has been, "I'm uglier than those other turkeys."

— David Lintz '78, a resident of Baker House, which traditionally has backed UMOC candidates very heavily.

— "The Mask of Zero" (Bob Liu '75), who is running in a black mask and claims to be backed by Epsilon Theta fraternity. The "Mask" reportedly has scheduled a Black Mass in the Lobby of Building 7 for noon Thursday to aid his campaign.

New particle found

(Continued from page 1)
that its half-life might be as much as 100 billionth of a billionth of a second — an extremely long half-life on the nuclear scale. Tests are still be conducted to determine what keeps the particle from decaying more rapidly.

A small controversy over naming of the particle has arisen, with the East Coast scientists calling it the "J-particle," while the California physicists favor calling it "psi." Usage of the name in scientific works will probably eventually settle the dispute.

The Cantata Singers



Tenth Anniversary Concert
Philip Kelsey, Music Director
Buxtehude: Cantata, "Herzlich lieb hab ich dich, o Herr"
Bach: Cantata, "Ach Gott, wie manches Herzeleid," BWV 3
Buxtehude: Cantata, "Der Herr ist mit mir"
Bach: Cantata, "Wie schön leuchtet der Morgenstern," BWV 1

Wednesday, Nov. 20, 1974
at 8:30 p.m., Sanders Theatre

Individual tickets
\$5, \$4, \$3 and \$2
For further information,
call (617) 227-5625

Career Planning Office to publish student resumes

By Mike McNamee

MIT students will have an opportunity to have their resumes printed in a book to be distributed to companies looking for science and engineering graduates, the Career Planning and Placement Office announced last week.

A letter has been sent to all degree candidates in scientific and engineering fields, inviting them to submit a resume for inclusion in the book. The book, which the Placement office hopes will include more than 400 resumes, will be sold to companies at a cost of about \$40 per book.

Many companies have urged the Placement Office to start such a book, according to Robert K. Weatherall, Director of Career Planning and Placement. "We expect to print up about 200 copies, and there is enough interest that we expect to easily sell 100 copies at \$40 each," Weatherall said.

The book will be divided into sections for bachelors, masters, Ph.D. and engineering degree candidates, Weatherall said. It will not be divided by fields, because "it can be very difficult to tell who's in what field at MIT," Weatherall explained.

If the book is well-received this year, the Director said, the Placement Office will expand it next year to include Architecture and Planning students as well. Graduate students in the Sloan School of Management have had a similar book for several years, but undergraduate management majors could also be served by the service, Weatherall said.

Resumes for inclusion in the book should be submitted to the Office by Friday, Weatherall said. Resumes already on file in the Placement Office can be put in the book by notifying the office. Resumes longer than two pages will not be accepted, according to Weatherall.

MIT Dramashop presents

An evening of One-Act Plays

Lemonade by James Prideaux

The Ruffian on the Stairs by Joe Orton

This is Rill Speaking by Lanford Wilson

Friday and Saturday, November 22 & 23

8:30pm, Kresge Little Theatre

Free Admission, Critique & Coffee Hour Following

Take A Tech Break

Planning your
Christmas Party?
Call us!

Tech Square House

545 Main Street
864-8194

The registration forms for declaring a field of concentration for the Institute Requirement in the Humanities, Arts and Social Sciences are now available from the field advisors. All Juniors (class of 1976) and those members of the classes of 1977 and 1978 who are ready to specify a field of concentration should see the relevant field advisor as soon as possible to complete the form. This applies also to students who may already have arranged a program of concentration with an advisor, since the necessary registration form has only recently become available. The Registrar's Office must receive a copy of the form from the field advisor in order to certify registration for this aspect of the Requirement. Students wishing to receive credit toward a concentration for subjects already completed should bring their grade records with them when they see the advisor. Anyone with questions about this or any other aspect of the Requirement should call or stop in at Dean Blackmer's office, 20D-204, ext. 3-3452.

BALTEX

means do-it-yourself auto repair

You supply the labor, we supply the tools and advice. Routine service parts in stock at discount prices.



Special now through Dec. 1*
Quaker State Superblend — 2 qts. for \$1.00
\$1.00 off on all oil filters (avail. most models)

Open Monday through Saturday, 10am-10pm
Sunday 10am-6pm (Somerville only)

*Limit 5 qts/customer, work performed on premises, while stock lasts

400 Rear Somerville Ave.
Somerville, 623-9477

843 Beacon Street
Boston, 247-8218

DOMINO'S PIZZA

118 Magazine St.

FREE DELIVERY

Mon-Thurs to 1am
Fri-Sat to 2am
Sun to Midnite

That's right! We specialize in superb pizzas (that's all we sell) and fast, free delivery.

So if you want a delicious pizza and have it delivered hot, fast and free — call Domino's.

354-5750

Black students express isolation, support lack

(Continued from page 1)

Some of the problems of black students evolve through differences in MIT's approach to education and that of high schools. One student interviewed by *The Tech* felt that he was not adequately prepared for MIT, even though he knew MIT would be academically more difficult than his high school. This disadvantage, combined with the competitive, "hostile" environment of MIT, caused some problems during his freshman year. Russell agreed that he too had to adopt a new type of thinking at MIT — a new level of questioning.

Interphase, a program of "catching up" academically the summer before the student's freshman year, is usually one manner in which MIT administrators hope to close the gap in educational background. Russell participated in Interphase, and viewed it as both a help and a hindrance. "It got me familiar with the campus and facilities, but the academic orientation could have been better."

Thompson feels that blacks help each other out academically much more than the Institute helps them. "We get through by helping each other. There really isn't anyone responsive. There's very little a white administrator can do to give us support," she stated. Another black student added, "I don't like the way the administration 'helps' us without asking us what we want."

Many blacks stated that positions in the administration dedicated to minority affairs are "little more than a sham." Debra Carlton '75 said that the Office for Minority Education (OME) might be a help, if it ever gets off the ground.

Eisenberg admitted that "I must assume some of the responsibility for my part in it (the hold-up)." Establishment of the OME has been held up partly due to an administrative quarrel over where the office should report.

Some other black students are not so optimistic about OME. Several felt that it would be one more bureaucratic committee given no real power by the administration. One student stated, "If it is not given the proper power, it will fail. That's the general trend of minority offices."

Plans for the OME were finally approved last Tuesday in a meeting of students, faculty and administrators involved in its development. The office will

be charged with the responsibility of reducing the minority student attrition rate, using whatever methods it sees fit, and will report to Assistant to the Provost Hartly Rogers. Meetings are now continuing to find a director for the OME.

Most of the tension expressed by black students concerns attitudes of MIT as an institution, not social tensions among black and white students. In fact, most could detect almost no interaction at all between groups of blacks and whites. One black student described it as "the natural way of things," and added that blacks must look out for other blacks at MIT. "I realize that I have to deal with whites, but I don't pick them as my friends."

One of the most obvious manifestations of this feeling is the housing situation on campus, as most students and administrators alike recognize that the housing system is generally segregated. Assistant Dean for Student Affairs Ken Browning '66, who deals mostly with housing issues, stated that the Dean's Office "neither opposes nor condones" all-black living units. Room assignment is done within the individual houses, and many dormitories have all-black living units. Browning said that there is some tension, and occasionally problems, potentially racial in nature, arise, but they are not extraordinary. "They are more important than just roommate or suitemate type problems, but they are infrequent," he said.

Browning feels that there may have been some truth in the past to charges that BSU discouraged black freshmen from pledging fraternities, but that this is not as true today. Russell emphasized that it does not happen as a BSU policy, but that advice may be given on an individual basis to freshmen. "If a black freshman asks personally, we will tell him the truth," Russell said. Consequently, there may still be some influence from individual BSU members not to join fraternities. Right now, there are about six blacks in the 29-house fraternity system.

Other problems mentioned by several black students are financial in nature — lack of funding for BSU and "injustices" in the student financial aid system. There is a membership fee for BSU, unlike many student activities, because it sometimes has trouble soliciting Institute funding due to its



Photo by Rob Mitchell

"closed" membership. Consequently, many BSU activities have admissions fees when funding may not be available.

Thompson added that many black students must "fight like hell" to get the money to attend MIT. "Blacks who need aid shouldn't have to fight like that," When asked if she saw differences between their treatment and that of white students, she stated that she had no real comparison.

Despite the problems of being black in the predominantly white environment of MIT, all the black students contacted by *The Tech* said they would still choose to attend MIT. Hampton summarized the general feelings with his explanation: "Yes, I would still choose MIT because it is the best education available in science and technology. I would say 'no' on the basis of the hostile environment."

"I feel now that the education outweighs the problems. And I would still choose MIT."

DON J AN and TANTRIC BUDDHISM

The Question of Reality

A video tape presentation of a seminar by Chogyam Trungpa, Rinpoche. Four talks, two each evening, Thursday and Friday, Nov. 21-22, 8pm, Room 4-270. Tickets: \$5 complete seminar, \$3 for one evening only. MIT X3-5033, X3-3224 or 492-8099.

NEW ENGLAND DINOSAUR DANCES

FOUR NEW WORKS

THURSDAY THROUGH SUNDAY

NOVEMBER 21-24, 1974 8:00 PM

Ticket prices: \$4.00

\$2.00 students & senior citizens

Box office hours:

Mon. - Wed.

Nov. 18-20: 12 noon to 5 p.m.

Thurs. - Sun.

Nov. 21-24: 12 noon to 8 p.m.

For information call:

776-9378

WHEELLOCK COLLEGE THEATRE

160 The Riverway Boston, Mass.

Buddy's Sirloin Pit

39 Brattle St. Harvard Sq.
(located in Cardell's Restaurant)

Sirloin Steak Dinner \$3.40 — Chopped Sirloin Dinner \$1.50

Wine by the glass * * * 12oz. Michelob 60c

We use only USDA Inspected Western Steer Beef with no tenderizers, fillers, or coloring added (unlike the beef in some other restaurants).

Open 11:30am - 9:00pm. Closed Sunday

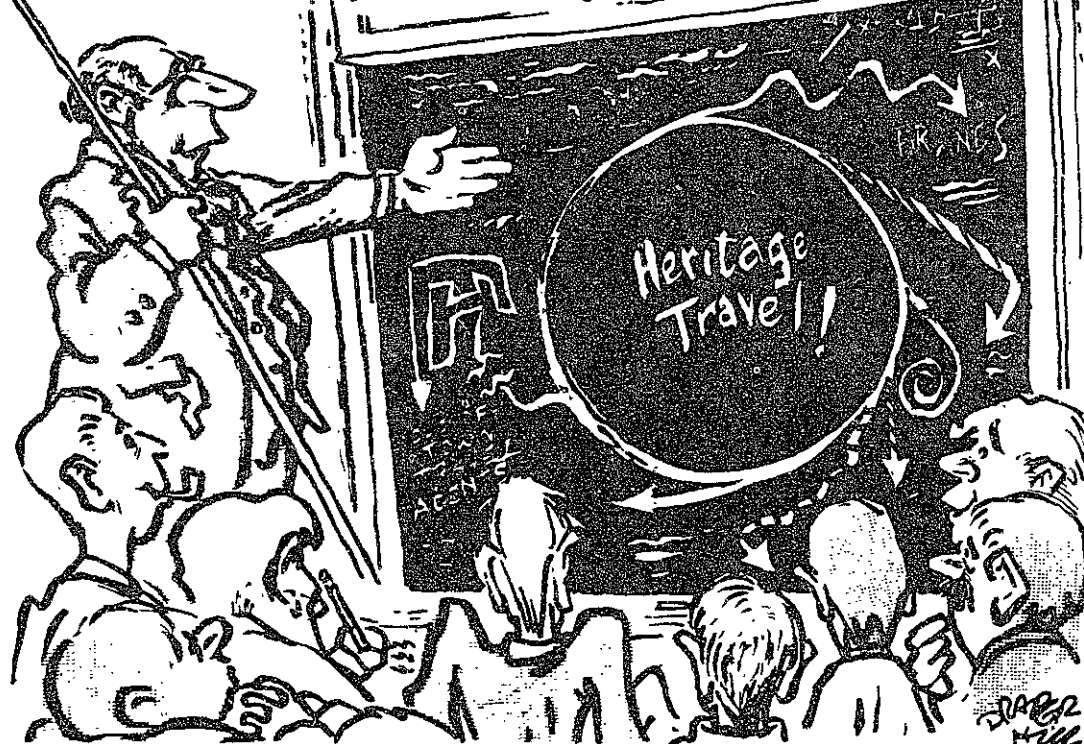
New England Women's Service

Free Counseling and Appointments
made for pregnancy — Birth Control, Gynecology and Abortion
Free Pregnancy Tests

Open 9am — 9pm Monday — Friday; Saturday 9—5

1033 Beacon St., Brookline, Ma. Call (617) 738-1370 or 738-1371

DON'T GO OFF ON A NEEDLESS TANGENT!



Now is the time to assure yourself of Christmas reservations. See MIT's convenient travel agent, Heritage Travel, Inc. . . . where quick reservations are a specialty.

No longer need you rely upon undependable mail order ticketing or make unnecessary trips into Boston. Heritage is ready to process all your travel needs in minutes. And our staff of economy-minded professionals will be able to save you dollars.

Ski tours and cruise offerings available.

Heritage's street level office is just one block from the Sloan Campus, in Kendall Square. Call or visit our office; we're open from 8:30am until 5:30pm, Monday through Friday.

Heritage Travel, inc.

One Broadway, Cambridge, Mass. 02142

Tel. 868-2666

the boston symphony
Chamber Players

Principals of the
Boston Symphony Orchestra
Gilbert Kalish, guest pianist

sanders Theatre
Series Sunday, December 1
at 4pm

Bruch: Three Pieces for viola,
clarinet & piano
Harrison: Concerto for 6 instruments
Webern: Piano Trio no. 2 in C

Tickets: \$2, \$3, \$4
Available at Symphony Hall (266-1492), the Out
of Town Ticket Agency in Harvard Square
(492-1900), and at Sanders Theatre in Cambridge
the day of the concert.

BOSTON SYMPHONY ORCHESTRA
SEJII OZAWA
Music Director

In Case of Insomnia— Column 45!

By Storm Kauffman

Suffering from my usual chronic lack of subject matter, I have decided to ramble a bit about mostly non-MIT matters. One could say (and many have) that I always ramble, but I am not going to be the first editor to have lack of ideas keep him from expressing them.

First of all, that unattractive composition to my left (your right) is an editorial. That appellation refers to the fact that it expresses the viewpoint of this prestigious newspaper as conceived by the Editorial Board, which consists of Chairperson Barb Moore, Managing Editor John Hanzel, Executive Editor Norman Sandler, News Editor Michael McNamee, and my not so humble self. A majority of the Editorial Board can decide to run an editorial written by any of the five. I should explain that I do *not* like editorials: any one can only claim to represent the views of a majority of the Editorial Board, but certainly the rest of the staff cannot be commended nor blamed for the content. The function of *The Tech* editorial can better be served by our extant system of running signed columns expressing the opinions of members of the staff. The reason why I am on the Editorial Board? So our decisions will be 4-1 in favor of running them. I will admit that this year my fellows have shown admirable restraint: I believe this is only the second editorial this volume. (Though I do not believe in the principle of editorials, I do agree with the spirit of today's.)

Now then, moving on to more serious matters. I have had the pleasure of watching several excellent football games this past weekend. First there was the Brown-Harvard upset, which was one of the most exciting games I've seen in the past two years. Then, there was the Jets-Patriots upset — stomachs for New Englanders, though I enjoyed it being a New Yorker (no rotten vegetables please). Lastly, there was the satisfaction of seeing the Cowboys smeared by the 'Skins, mostly in the first half. However, a most jarring interruption occurred in the form of the Patriots half-time show. Perhaps I am not sufficiently enamoured of three-ring circuses, but a simultaneous demonstration of hot-dog skiing on a multi-colored perambulating treadmill, of trampoline techniques, and of the launching of a hot-air balloon are too much for a simple mind to bear.

Oh, incidentally, when you send hate mail to me, please 1) spell my name right; 2) write legibly, not like an arthritic duck; 3) do not blame me for what other people say; 4) sign your name so I can find you and send *you* hate mail.

Although I was not overly impressed with the party itself (the crowd problem was intensified by the poor layout — placing most of the consumables in a long and narrow, virtually inaccessible area), I would like to congratulate McCormick residents on holding what I believe to be their first open party. The idea itself is a good one, and practice will help. Don't give up.

One of the more fruitful efforts of basic medical research has been the successful determination that everything except death causes cancer. While I cannot advocate that science bury its discoveries, possibly fewer people would be afflicted with circulatory problems if they did not have to worry about getting cancer from sweetening their coffee, having coffee at all, drinking water, and breathing. Good god, could they, did they? Have they found that sex can cause cancer? The final straw.

If, perhaps, you are wondering when I will stop inflicting my views on this noble (Nobel?) community, then wonder on. Haha, only I know, and this column is the product of a warped mind (Warp Three, Mr. Sulu)...

THE WIZARD OF ID



Editorial

Student Records

Beginning today, educational institutions throughout the nation will be taking a new approach to the compilation and maintenance of student records.

The Family Educational Rights and Privacy Act of 1974 has granted students at all educational levels a badly-needed "right to privacy," with regard to the information that can be kept in their personal files. It gives all college students the right to view information contained in their files, and prescribes regulations for how widely and under what conditions personal information can be disseminated.

As the law goes into effect, we urge MIT to comply with its spirit and letter by opening all student files to inspection. The

law makes no distinctions between confidential and open files. MIT should not continue a pattern set by other major universities by withholding information from students who have right to review it.

Students who have doubts or suspicions about what might be contained in their files should request the information in writing from the Dean to Student Affairs. In most cases the results will be disappointing and unexciting.

However, the law is there to be used, and we are hopeful that the MIT administration and student body strive to see it is properly executed.

Letters to The Tech

More AA

To the Editor

Professor Vera Kistiakowsky, in a letter to *The Tech* appearing in your November 15 issue, lists Institute departments with numbers of women faculty members less than "predicted numbers" based upon percentages of doctorate degrees awarded to women. She goes on to list departments with numbers "approximately equal to or more than 'predicted numbers'". Why not break the latter category into two lists — one of those departments with perfect correspondence to the nearest integer and one with more female faculty members than "predicted"? Then, the Institute can proceed, in the "spirit of affirmative action," to search out enough male faculty members to bring these departments into line.

I note, as well, in your front page article "MIT gives reply to HEW sex-bias rules," that MIT is troubled by "lack of specificity" with respect to "contradictions between non-discrimination and affirmative action." I suggest that the problem here is pretty basic — it has analogy to contradictions between truth and fiction. At some point, we may just have to face up to the fact that labels like "affirmative action" do nothing to change the basic nature of discrimination, whether it favors women over men, men over women, white over black, black over white, or whatever.

Jim Hoburg

Gym lockers

To the Editor:

There is apparently an habitue of the duPont Gym who has found a lucrative pasttime at the expense of all of us who use the gym locker room.

It seems that almost all of the latches

of the transient lockers, those used by people who have gym baskets, have been damaged so that the lockers may be opened even though the door seems to be locked. Our clever thief has only to wait for an appropriate moment to remove the valuables left in the lockers, and he can apparently do this in less time than it takes the victim to take a shower.

The attitude of the Campus Patrol seems to consist mainly of bemused sympathy for those so foolish to have left their valuables in a locked locker and realistically, there is probably little that it can do.

We, as students and users of the gym can, it would seem, act to reduce or prevent these rip offs. We can resolve never to leave anything of value in a locker, perhaps by playing basketball with out wallets held firmly in our teeth. We can become sensitive to and observant of suspicious actions like forcing open locked lockers or removing money from wallets. Finally, we can abandon gentlemanly restraint when thieves are identified.

The Institute could act to reduce thefts by welding hasps on lockers in place of the damaged latches

The practice of theft from gym lockers has become a low-risk high-profit enterprise. It will probably continue until those characteristics are reversed.

Robert McMahan

Flag larceny

To the Editor:

We would like to address this letter to a group on campus that calls themselves the Panda Club. The Panda Club has stolen two flags from Theta Delta Chi in the past year, one last spring and one this fall. At the beginning of this week, we were given the opportunity to retrieve the newer flag from the top of the tennis

bubble. We would appreciate getting back the first flag, too. This has gone past being a hack, and we are really tired of the whole thing.

Philip Pipal
Theta Delta Chi

The Tech regrets to announce the resignation of Ken Isaacson '76 from the position of Night Editor.

Continuous News Service

The Tech

Since 1881

Vol. XCIV, No. 48

November 19, 1974

Barb Moore '75; *Chairperson*
Storm Kauffman '75; *Editor-in-Chief*
John Hanzel '76; *Managing Editor*
Norman Sandler '75; *Executive Editor*
John Sallay '78; *Business Manager*

Bob Nilsson '76, Julia Malakie '77;
Night Editors
Mike McNamee '76; *News Editor*
Neal Vitale '75; *Arts Editor*
Tom Vidic '76, Tom Klimowicz '77;
Photography Editors
Dan Gantt '75; *Sports Editor*
Mark Suchon '76; *Ad Manager*
Leonard Tower Jr; *Financial Consultant*
Tim Kiorges '72, Paul Schindler '74,
David Tenenbaum '74;
Contributing Editors

Michael Garry '76,
Margaret Brandeau '77, Bill Conklin '77;
Associate News Editors
Glenn Brownstein '77;
Associate Sports Editor
Mark Keough '76; *Associate Ad Manager*
Peter Peckarsky '69;
Washington Correspondent

Michael Graves '76; *Production Manager*
Jeff Palmer, '78, Joseph Schneider '77;
Accounts Receivable
Chuck Funk '76; *Circulation Manager*
Steve Kirsch '78; *Accounts Payable*
Jean Hunter '76; *Advertising Staff*
Brian Rehrig '75, Tom Gilbert '78;
Circulation Staff

News Staff:

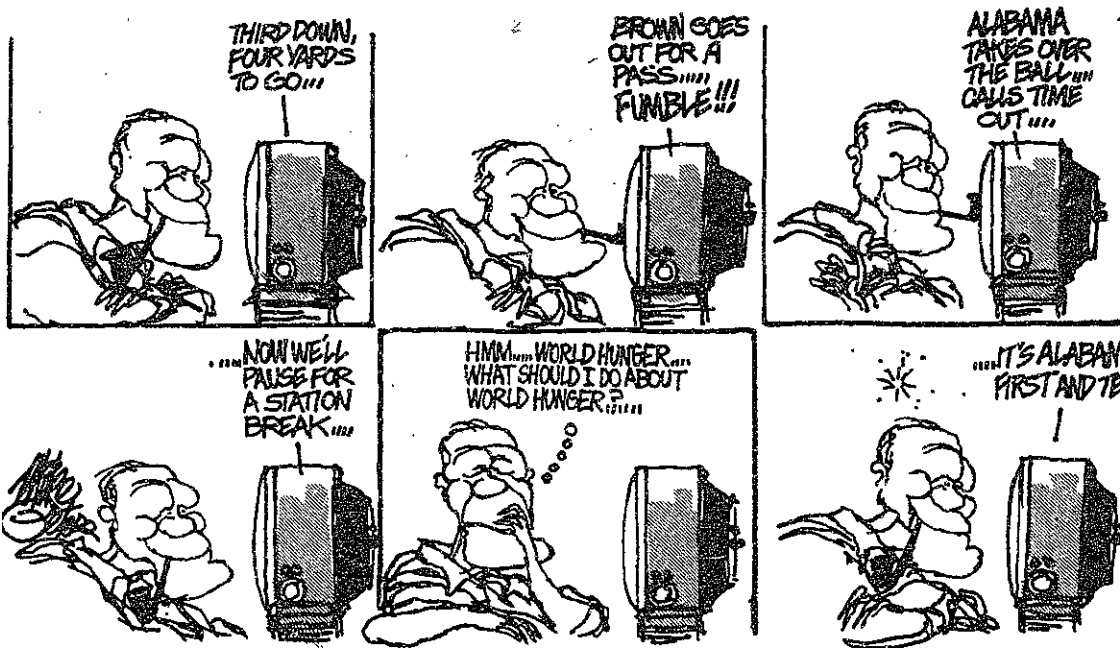
Greg Saltzman '76, Stephen Blatt '77,
Stephen Mallenbaum '77, Jules Mollere '77,
Gerald Radack '77, Lucy Everett '78,
Greg Lemke '78, Mitch Trachtenberg '78

Photography Staff:

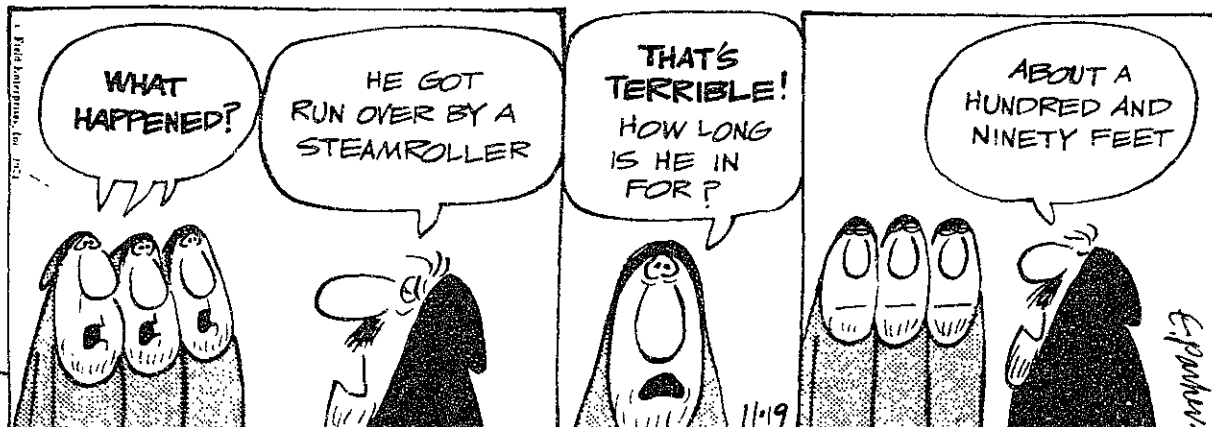
Mike Garcia '78, Roger Goldstein G,
David Green '75, Diana Healy '78,
Mark James '78, Rob Mitchell '78,
Dave Relman, Rich Reihl '77,
Dave Schaller '78
Production Staff

Beth Karpf '75, Bill Pritchard '78,
Mindy Lipson '76, Cathy Medich '77,
Russel Nevins '77, Vincent Richman '77,
James Jones '78, Mark Munkacsy '78,
Dave Thompson '78, Lynn Yamada '78
Gayanne Gray

Second Class Postage paid at Boston, Massachusetts. *The Tech* is published twice a week during the college year (except during college vacations) and once during the first week of August by *The Tech*. Offices at Room W20-483, MIT Student Center, 84 Massachusetts Ave., Cambridge, MA 02139. Please send correspondence to PO Box 29, MIT Branch, Cambridge, MA 02139. Telephone (617) 253-1541. United States Mail subscription rates: \$5.00 for one year, \$9.00 for two years. Interdepartmental: \$3.00 for one year.



by Brant parker and Johnny hart



The Wizard of Id appears daily and Sunday in the Boston Globe

Thursday set as day of fasting

By Mike McNamee

The United States showed "callousness and disregard for the world community" by refusing to pledge greater food aid to needy countries at the recent World Food Conference, an MIT professor charged this week.

In a statement released Monday, Professor Nevin S. Scrimshaw, head of the Department of Nutrition and Food Science, said that the US government has presented "little evidence" of willingness to "share

NOTES

* On Wednesday, November 20, at 4:00pm the Navy ROTC will sponsor a talk in Room 1-390 open to the entire MIT community on the History of Submarine Exploration of the Arctic. The illustrated talk will be given by Capt. Alfred A. McFaren, USN, and will cover US explorations from Wilkins' voyage in 1931 up through approximately one year ago, including early diesel voyages, the historic cruise of USS Nautilus in 1958, and Capt. McFaren's own voyage in USS QUEENFISH in 1970. In addition, early Soviet and German diesel explorations, the one British voyage, and the more recent known (those which are not classified) USSR explorations will be discussed. A question and answer period will follow.

* Proposals for new subjects, changes in units offered for subjects, and changes in descriptions of subjects for the 1975-76 Bulletin should be submitted to Department Catalogue Coordinator before January 31, 1975. All members of the faculty are requested to submit three copies of their proposed changes as soon as possible to ease the consideration of changes. Any changes in subjects offered jointly by two or more departments ("J" subjects) should be checked with all departments involved, and submitted by each department.

* A program entitled "Knowledge You Can't Get in College" will be held on Monday, Nov 18 in 54-100 at 7:30, to acquaint interested members of the MIT Community with the direct experience of the source of life which the Controversial Guru Maharaj Ji claims to reveal.

* The Ethical Implications of Western Technology for Third World Communities will be discussed by Dr. Denis A. Goulet, visiting Fellow, Overseas Development Council and Organization of American States at 5:30pm Tuesday. Responding will be Professor Everett Mendelsohn, History of Science, Harvard University, and Dr. Mahmoud Shabandar, Special Program on Urban and Regional Studies, MIT. The lecture is sponsored by the Technology and Culture Seminars.

in short-and long-term solutions" to the food problems.

Scrimshaw said that the US has "a much greater monopoly on food exports than the Arab countries have on oil exports," and should act to make more food available for poorer countries suffering from the food crisis. To do this, Scrimshaw proposed that grain surpluses be purchased by the Federal government for export, and that meat producers be encouraged to cut back on consumption of feed grain for meat.

Scrimshaw's statement was made prior to events scheduled at MIT Thursday for a nationwide "Fast for a World Harvest" day. Scrimshaw, a leading expert on nutrition and the food crisis, will be the main speaker at a teach-in to be held in conjunction with the fast.

The fast, part of a national movement by colleges, church groups, and community organizations, is designed to call attention to the problems of the food crisis, according to Nick

Herman, an officer of the food crisis, according to Nick Herman, an officer of the New World Coalition. The Coalition, a Boston-based group, is organizing New England fast activities, with the aid of Oxfam-America, an international group which raises funds for research into problems of developing nations.

Donations made to Oxfam on the fast day and proceeds from sale of tickets to a "Hunger Banquet" to be held Thursday night will be used to sponsor further research on improving food production in developing countries, Herman told *The Tech*.

Organizers will be operating tables in the Institute Dining Halls this week, selling tickets to the Hunger Banquet and urging students to participate in the Thursday fast, Herman said.

Other colleges in the Boston area have planned similar activities for the fast day, Herman said, including a "rice dinner" at Wellesley College Thursday evening.

The Historic OLD VILNA SHUL

16 Philips St., Boston

invites the Jewish students to our Traditional Orthodox Services.

FRIDAY: Sundown

SABBATH: 9am

Spend a dime between 5 and 9

Buy any two large pizzas and
get a medium cheese for a dime!
(Excluding Sunday)

This offer good through exams —

expires December 19

gershman's PIZZA

FAST, FREE DELIVERY! EXPRESS

Please mention the coupon when calling
in your order

876-2882

Act fast. Go sloe.

Hurry up and meet De Kuyper's Sloe Gin.



De Kuyper's Sloe Gin is a very different, very delicious liqueur, flavored just sweet enough by the sloe berry. You can take it on the rocks

or mixed with just about anything. For starters, just try any of the recipes below. De Kuyper's Sloe Gin — "sloe" with an "e," not a "w."

Abominable Sloeman

Pour 2 oz. De Kuyper Sloe Gin over ice cubes in a tall glass. Add ginger ale. Top with a twist of lemon and stir gently. Serve with straw.

Sloe Ball

Combine 1½ oz. De Kuyper Sloe Gin, orange juice and the juice of ¼ lime. Pour over ice cubes. Stir well. Garnish with lime wedge.

Sloe Joe

Shake 2 oz. De Kuyper Sloe Gin and 1 oz. of lemon juice well with ice. Strain into cocktail glass or pour over rocks. Garnish with cherry.

Tech Student Travel X3-5433

Group Flights to:

Baltimore
Cleveland
Philadelphia
Washington, D.C.
New York City
St. Louis
Pittsburgh
Chicago
Houston
Los Angeles
San Francisco

Lower than low rates!
Leaving Dec. 19 & 20,
return flight open.
Mon-Thurs 4-10, Sat 1-4
4th floor, Student Center
or call
LONGWOOD TRAVEL
X3-5435

MIT Debate Society tops Ford economy moves record of last five years criticized by candidate

By Margaret Brandeau

Debate is as popular as any intercollegiate "sport" as MIT, although it is often not paid much attention.

This year the MIT Debate Society, home for most debaters of MIT, has opened its season with its best performance in five years. According to Debate Society President, Jack Segal '76, this is due to the return of four top upperclassmen from last year and to the addition of several good freshmen to the organization.

While last year the Debate Society did "fairly well," ranking first in New England and 20th in the country, the team has done much better this year, said Segal, "because we have more people more involved."

MIT's top team of Larry Summers '74 and Segal has won two of the four tournaments in which they have participated so far this year. At the Tarheel Invitational Tournament at the University of North Carolina held October 25-27, Summers and Segal placed first in a field of 67 teams, with Summers being named the third speaker.

Segal said that the Society is especially strong this year be-

cause they not only have a strong first team, but also have strong second and third teams. Mark Sherman '77 and Richard Steinberg '77 took second place at a tournament held at Brandeis, while Tomm Mattison '78 and Jeff Lillian '78 took ninth place, becoming the first MIT freshmen in the last two years to compete in the final round of a varsity tournament.

According to Segal, a person who is serious about debating spends 30 hours each week debating. While a student cannot receive academic credit for debating, "after a while it becomes a quasi-social activity," said Segal.

"To us it's a sport," Segal commented. "It's a team competition. We get as much sporting competition out of it as other people do playing basketball or hockey."

Using funds provided by the Finance Board of the Association of Student Activities, the Debate Society attends about 20 tournaments each year at colleges throughout the United States. "If you get really good," said Segal, "you get to go all over the country."

By Gerald Radack

President Ford's economic policies were strongly criticized by former United States Senator Fred R. Harris in a talk given at Brookline High School on Sunday night.

"President Ford is over his head in the economy," Harris told the receptive audience which had come to attend the first 1976 Presidential forum of Citizens for Participation in Political Action, a political activist group.

"The main issue in 1976 is privilege. Working people are paying bloated prices and unfair taxes because of concentrated wealth and monopoly profits," Harris said at an earlier news conference.

"Congress should repudiate President Ford's proposed five percent surcharge on working people's income," Harris said, calling for a tax cut for "most taxpayers" and a tax increase for "the Gettys and the Rockefellers and the Mellons."

"President Ford says nothing can be done about inflation until 1976. For many people, 1976 is too late," Harris said. "The pressure is on the Democrats."

To combat inflation, Harris called for "immediate selective controls on the non-competitive sectors of the economy, such as automobiles and steel."

The controls are necessary, Harris said, because "we have been using a non-existent model of the economy (the free market) — monopoly control dominates most of the economy."

Harris also complained of the concentration of personal wealth in a few hands, and said that "2.3% of the households hold 80% of the individually owned corporate stock and 90% of the individually held corporate bonds."

Harris was critical of government subsidies to corporations such as Lockheed and Penn Central, calling them "a form of socialism with a weird form of distribution: a reverse Robin Hoodism that takes from the poor and gives to the rich."

The IAP Policy Committee is looking for a Graduate Student member. The Committee, composed of faculty, students, and staff, oversees MIT's Independent Activities Period. Interested applicants please contact Professor Feld (3-7700).

SIR SPEEDY®
INSTANT PRINTING
876-8098
895 MAIN STREET
CAMBRIDGE, MASSACHUSETTS
COPIES WHILE YOU WATCH!

■ Advertising Flyers	■ Contracts
■ Business Forms	■ Programs
■ Newsletters	■ Resumes
■ Price Lists	■ Bulletins

Trident: bargaining weapon?

By Lucy Everett

The desire for strength in the Strategic Arms Limitations Talks (SALT) and intricate political maneuverings were responsible for accelerating the development of the Trident submarine, an MIT audience was told Tuesday.

Development of a new, longer range submarine missile system was considered necessary as a bargaining measure in the event that the Soviet Union refused to include submarines in the limitations agreed upon in the SALT talks, according to Peter Zimmerman, Harvard Fellow of the Harvard Center for International Affairs.

However, Zimmerman attributed the impetus of the Trident program to "the sparring between (Melvin) Laird and (Henry) Kissinger over control of the Defense Department," explaining to the New Technologies and International Security Seminar that "bureaucratic politics explained a large percentage of what happened."

Beginning in September, 1971, when the dispute over submarines occurred in the SALT sessions, an energetic review of alternatives for submarine development was conducted by the Navy. While the debate with the USSR was resolved in April, 1972, in the form of an agreement negotiated by presidential adviser Henry Kissinger, Zimmerman said, the Trident was already irreversibly under way because of a decision by then Secretary of Defense

Melvin Laird to accelerate the program.

Outlining the alternative proposals for new submarine systems which would be large enough to carry powerful long-range missiles, Zimmerman explained that "Laird had closed off the President's options by going public." Nixon presumably favored a lower-cost program which would allow faster production and which would not require as strong a commitment as the Trident.

The Trident submarine which emerged from this controversy will be much larger than existing ones and will be propelled by a "natural circulating reactor." The range of its missiles will be nearly 6000 miles, and it will travel at speeds up to 24 nautical miles per hour, according to Zimmerman. Modular construction will allow the Trident to spend 70 to 80 percent of the time at sea, Zimmerman said, while 50 percent of the lifetime of existing submarines is devoted to maintenance.

While the Trident is quite large, it will hopefully also be quiet; this combined with its increased missile range indicates greater strategic effectiveness. Zimmerman declined conclusive comment on this subject, saying "I don't think we know enough about detection phenomena to say much about the elusivity of Trident."

Ten Tridents, each of which cost approximately \$1 billion for ship and missiles, are to be

built under the current program. Trident has been justified as being economical in the overall sense of each boat carrying more and larger missiles, Zimmerman explained, skeptically observing that "a good bureaucrat can justify anything on any basis."

The first launching of Trident could be as early as 1976, said Zimmerman, expressing the belief that the program would be carried out. "The irreversibility of contracts and hardware is high; I can't envision any circumstances under which the Navy wouldn't complete at least ten boats."

PROFESSIONAL
TYPING
for
Educators, Authors,
Architects, Dissertations,
Theses, Reports, Cassettes-
You tape it ...We type it
8 WINTER ST. BOSTON
1278 MASS. AVE. HARVARD SQ.
423-2986
THE SKILL BUREAU

Auto-torium Inc
Owned and operated
by Harvard MBA's
American & Foreign car repairs
412 Green Street
Cambridge
661-1866
Behind the
Central Square
YMCA
Monday — Friday
8am — 6pm

SEMINAR ON TECHNOLOGY AND CULTURE AT M.I.T.

Lecture Hall 9-150

5:30 P.M.

TUESDAY, NOVEMBER 19, 1974

The Ethical Implications of Western Technology for Third World Communities

DENIS A. GOULET, Visiting Fellow, Overseas Development Council and Organization of American States

Respondents: MAHMOUD SHABANDAR, Special Program on Urban and Regional Studies, M.I.T.

EVERETT MENDELSON, History of Science, Harvard

men's sweater sale

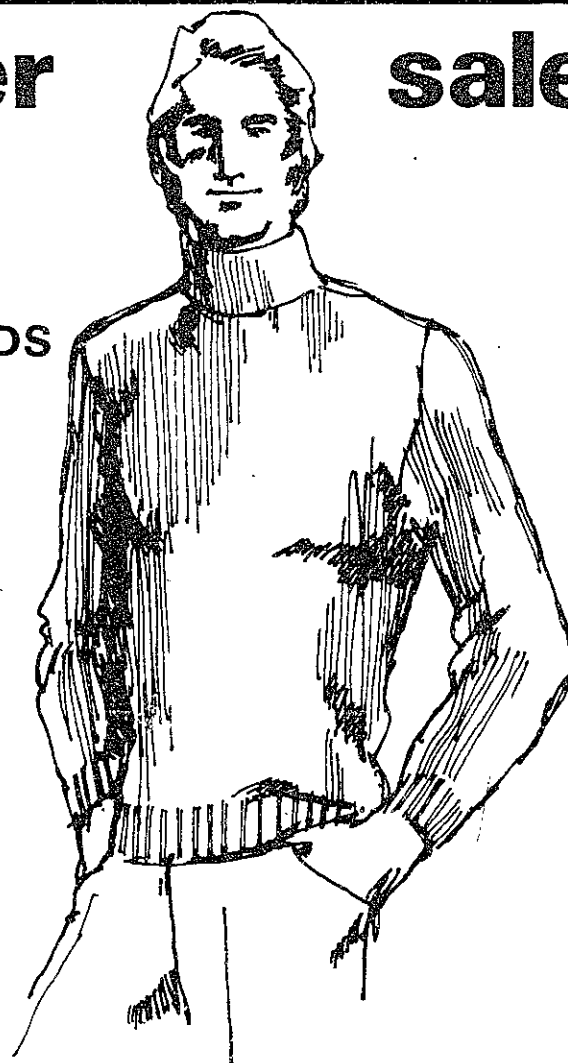
**SURPLUS STOCK AND
SELECTED IRREGULARS
OF USUAL 10.95 TO 14.95
WOOLS, ACRYLICS AND BLENDS**

**ALL AT ONE
FANTASTIC
LOW PRICE** **\$5**

Save 5.95 to 9.95 on this fine maker group of crewneck, V-neck and turtleneck pull-overs, and fashionable cardigans. Sizes S, M, L, XL. Assorted colors.

**the
Coop**

M.I.T. STUDENT CENTER



James Paul, Principal Conductor
**Boston
Philharmonic
orchestra**
Saturday, November 23
8:30 pm
National Theater
Boston Center
for the Arts
Karel Husa
guest conductor
J. C. Bach, Husa, Roussel
Haydn, "London" Symphony
TICKETS \$6, \$4, \$3 (Students \$2)
sold at Jordan Hall box office,
Philharmonia (551 Tremont St., Boston)
and at the door
or call 426-2387

Headquarters
• **BOOTS**
• **PARKAS**
• **PEACOATS**
**CENTRAL WAR
SURPLUS**
433 MASS. AVE.
Central Square
Cambridge

MIT default rate at 2.5 percent

By Roger Cogswell

MIT student loan funds, the largest source of financial aid for MIT students, lose almost \$100,000 each year due to students who fail to repay their educational loans.

That rate, however, is only a small fraction of the \$3 million that the Institute lends each year, and MIT's rate of default is less than half the nation-wide default rate, according to statistics from the US Office of Education.

MIT administers loans from a number of different funds, including the National Defense Student Loans, loans from banks through the National Insured Student Loan program, and the Technology Loan Fund, an MIT fund used for making loans similar to bank loans. All loans are low-interest and are repaid starting nine months to a year after graduation.

A number of collection problems peculiar to MIT help to hold the default rate here at about 2.5 percent, considerably less than the nationwide rate of 5.7 percent, according to John R. Rogers, Student Loan officer. The large number of graduates who are employed outside their home states and the number for foreign students at the Institute are two factors in the default rate, Rogers explained.

Although students are required to come to the loan office and set up a repayment schedule before they graduate, many students fail to do so, Rogers said. These students, and others who drop out of MIT without notifying the loan office are usually impossible to locate if they fail to repay loans.

In such cases, Rogers said, MIT usually employs a professional collection agency to trace the students. However, the Institute has never gone to court to try to recover a loan.

Foreign students have special problems which are often nearly impossible to overcome. In countries where the cost of living is much lower than in the United States, the student may make enough money to live very

comfortably, but not nearly enough to repay the relatively massive loans which covered the cost of his education.

Many nations also do not allow citizens to send large amounts of money to a foreign nation, such as the United States, for the purpose of paying off a loan. In cases such as this a graduate would have to secure enough money to return to the United States in addition to earning enough money to repay the loan.

In situations like these, Rogers said, when it becomes apparent after several years that it will be nearly impossible for the foreign student to cover his debt, MIT will void the debt.

Rogers cited the personalized nature of loans made through the Technology Loan Fund as the major reason for the relatively low default rate at MIT. Each student who has received a loan is required to have a personal interview after his graduation for the purpose of discussing his repayment schedule. The personal interview allows the Student Accounts Office to formulate each repayment schedule on a completely individual basis.

About 10% of the students on financial aid fail to have this interview, Rogers said. Although a student's diploma may be withheld until he meets his obligation to have this interview, Rogers said that this has never been done.

According to Rogers, the first payment on any loan from the Institute is never due until nine months after the student graduates. This is done in order to give the student a chance to find a job and to discover how he can best repay the loan. Rogers pointed out that students are often given more than nine months before their first payment is due if they are not able to begin payment at that time.

The loan programs formulated through the Technology Loan Fund have been highly successful in conforming to a student's ability to pay, but the defaults which do occur are significantly decreasing the amount of money available for student loans in the future.

If you don't think Scouting's worth your time, you don't know enough about Scouting.

Find out more.
Write: Scouting,
North Brunswick,
New Jersey 08902

Scouting today's a lot more than you think.

give to
Count
Umoc



CARE

The Class of
1975
is looking for
suggestions
on what activities
you would like to
see us present.
call us at x3-2696
Nov. 19--8 PM--W20-403
meeting

a+

secretarial
office
harvard square
14a eliot street

491-2200

These, Tapes, Technical Typing
Open late 6 days, Sun. by appt.

WHO ARE YOU?

A name and address Rubber Stamp
will sure identify you.
One or 2 lines of anything, up to 3
inches long. \$1.00 ppd. \$.50 for each
additional line. Quick service!

Embassy Rubber Stamp Co.
P.O. Box 201 - MIT Branch
Cambridge, MA 02139

TRANSLATORS

Only experienced professional free-lance sci-tech-industrial and medical translators into any major (your native) language. Write full background and experience details to: AD-EX, P.O. Box 4097, Woodside, Calif. 94062. Include short nonreturnable work sample (original & your translation), your telephone number, typing capability, rates desired for draft and/or finished work. P.S.: Free-lance technical typists in all major languages (IBM Selectrics favored), interested in receiving work by mail, are needed also.

Look how much you can save with Allegheny's Discount Air Travel Plans.

It doesn't matter if you're going home for the weekend or just taking off with a group of friends. Allegheny can save you 20% to 33 1/3% off our regular fares anytime you want to go. Including holidays and holiday weekends.

Up to 25% off on weekends.

Simply plan to go and return on Saturdays or Sundays within 30 days. And it's good anywhere we fly in the U.S. and Canada. Easy.

Up to 33 1/3% off for groups, too.

Your group of 10 or more can save up to 20% one way--up to 33 1/3% round trip. Just purchase your tickets 48 hours in advance and take off together for any city in our System. You can all return separately on round trip travel if you like. And that means you can fly as a group to a central city and then split up. Neat.

For information and reservations, see your Travel Agent or call Allegheny at 482-3160. We show you how you can fly for less, anytime.

Compare and save.

Roundtrip fares	Regular	Weekend	Group
Baltimore	\$ 86	\$ 66	\$ 56
Buffalo	90	69	60
Cincinnati	146	110	97
Dayton	142	106	94
Indianapolis	156	116	104
Louisville	156	116	104
Memphis	200	152	135
Nashville	176	131	115
Norfolk	110	85	74
Philadelphia	74	54	48
Pittsburgh	108	80	72
Toronto	108	82 ⁰⁸	72 ³⁶

All fares include tax, and are subject to change without notice.
Nominal security surcharge is extra.

The Allegheny Air System
has a lot more going
for you.



ALLEGHENY

America's 6th largest passenger-carrying airline

classified advertising

MULBERRY TYPING STUDIO
10c Mt. Auburn Street, Cambridge, Ma. 864-6693. Professionally typed theses, statistical reports, manuscripts, letters, etc; transcribing; mailing service; and other secretarial needs. Trust your words to us!

I've been typing Masters and Ph.D.'s

Full Time
for five years and still love it!)
I'd be happy to help you. (IBM
Correcting Selectric) 894-3406
(Weston)

Seeking math/computer oriented individual interested in researching roulette play with resulting system capable of providing reasonable income. European and/or American style. Contact "Brunner," PO Box 12/1135, Tehran, Iran.

Term Papers: Canada's largest service. For catalogue send \$2 to: — Essay Service, 57 Spadina Ave., No. 208, Toronto, Ontario, Canada.

PRIMAL FEELING PROCESS.
Based on primal theory. Oregon Feeling Center, 680 Lincoln, Eugene Or. 97401. (503) 726-7221.

COMPUTERIZED LITERATURE SEARCHING
Weeks of library labor saved by searches of computer-stored citations by skilled Information Specialists. Data bases in 15 disciplines. Instantaneous results. Rates, appointments, information at the MIT Libraries, or call x7746.

Sports

Rifle season looks promising

MIT's varsity rifle team has opened its 1974 season in fine fashion, capturing a second place finish in its first year of competition in the North Shore Rifle League and winning four of its first six intercollegiate matches.

The rifle squad, in fact, had a good chance to win the North Shore title which was not decided until the final night of competition. "The league was structured such that all teams shot against each other each of five nights," explained coach Jon Moaar.

MIT had taken two, first places, a second, and a third, but needed another win over a fine team from the Nashua Rifle Club for the championship. This was not to be, however, as Nashua outdistanced MIT on the final night, 2203-2169.

"I think the team performed admirably," said Moaar. "The league is made up largely by experienced seniors, most of whom shoot with telescope." Although the league allows use of any sights, the MIT team competed with standard iron sights in preparation for the normal collegiate season.

Individually, captain Jerry Dausman '76 took the league's award for high average using iron sights, while varsity shooters Jesse Villagran '77 and Glen

Graham '77 were right behind in second and fourth place, respectively.

In their opening collegiate matches recently, the varsity shooters split a six-team meet at MIT winning three and dropping two. A strong 2151 showing by MIT was beaten by Norwich University's 2169 and last years New England Collegiate Rifle League champions, the University of Maine, with a 2163.

MIT easily defeated weak Dartmouth and Providence teams, as well as an able Coast Guard Academy team. MIT's scoring was led by sophomore David Muller with an outstanding 548, followed by Joe Sacco '75 at 537. Close behind for MIT were Yolanta Geisler '77 and Villagran.

MIT also opened its season in the Greater Boston Rifle League

on a solid footing, firing a 1078 against a very poor Wentworth team Wednesday, shooting a quarter- rather than a half- international course of fire. Scoring for MIT was led by Dausman with a 274, followed by Villagran and Timothy Allen '76 at 270. Also scoring for MIT was Graham at 264.

Coach Moaar seems pleased with his squad's performance thus far as the lowest score this year in competition surpasses all but one shot last season. "You may recall that we lost a match to Coast Guard by a single point last season, so that was a good victory," Moaar stated.

The varsity appears promising this year, showing considerable depth, with freshman shooters Berman, Licklider, and Marcum fighting for spots on the first team.

5 A-league teams still unbeaten in basketball

By Jeff Singer

Undefeated Lambda Chi Alpha (4-0), paced by the consistent scoring of Mark Abkowitz '74, had another strong week in A-league IM basketball paly, handily defeating the BSU (1-2) by a score of 34-20, although

receiving a scare from winless Ashdown (0-4), whom they eventually edged, 35-32.

Chemical Engineering (3-1) kept pace with LCA in league A1, also winning two games. They defeated Ashdown 48-35, as Reggie Mitchell G and Stephen Dodd G combined for 28 points, and rolled over MacGregor 'Z' (1-2), 54-30, as Graham Woerner G led all scorers with 16 points. Chemical Engineering's only loss was at the hands of LCA earlier in the season.

SAE (2-0), leaders in league A3, defeated the Plumbers (0-3), 63-55, with both squads resorting to a fast-break, run-and-gun type of game. SAE received balanced scoring, with five men in double figures. Dick Samuels G contributed 21 points and Dave Rothberg G 17 for the Plumbers in a losing cause.

IM basketball standings:

A1-league	W-L	B3-league	W-L	MacGregor J	1-0
Lambda Chi Alpha	4-0	Sloan	2-0	East Campus F2	1-0
Chemical Engineering	3-1	Delta Psi	2-1	Club 21	0-1
MacGregor 'Z'	1-2	Baker 'B1'	1-1	MacGregor C	0-1
Ashdown	0-4	Kappa Sigma 'B'	1-1	Delta Kappa Epsilon	0-1
A2-league	W-L	Theta Chi	1-1	Alpha Epsilon Pi	0-1
Delta Upsilon (Ind)	3-0	Phi Beta Epsilon 'B'	1-1	C4-league	W-L
Phi Gamma Delta A	2-0	Phi Kappa Sigma	0-0	Sigma Alpha Epsilon	2-0
Tang 'A'	1-2	Phi Delta Theta	0-1	Bexley	2-0
Conner 3A	1-2	Chi Phi	0-2	Theta Delta Chi 'C2'	1-1
A3-league	W-L	B4-league	W-L	Phi Mu Delta	1-1
Sigma Alpha Epsilon	2-0	Economics	1-0	Baker C2	1-1
Delta Tau Delta	2-1	Hydros	1-0	Burton 5 Smokers 'X'	1-1
BSU 'A'	1-2	Math	1-0	Russian House	0-2
Plumbers	0-3	Maxwell's Demons	1-0	MacGregor	0-2
A4-league	W-L	Senior House/East Cam	0-0	C5-league	W-L
"The Macks"	2-0	Tang 'B'	0-1	MacGregor H Turkeys	2-0
Baker 'A'	2-1	MacGregor I	0-1	Zeta Beta Tau 'C2'	2-0
Little Green Men	1-1	East Campus-Yarbroughs	0-1	Sloan	2-0
Burton 5 Smokers	0-3	BLOS	0-1	Theta Xi 'A'	1-1
B1-league	W-L	C1-league	W-L	MacGregor 'D'	1-1
Burton 1+	2-0	Hillel	1-0	Theta Delta Chi 'C1'	0-2
Sigma Phi Epsilon 'A'	2-0	Sigma Phi Epsilon	1-0	Conner 3 Puds	0-2
Pi Lambda Phi	1-0	569	1-0	Kappa Sigma 'C'	0-2
Baker B2	1-1	East Campus 4W/Chem	1-0	C7-league	W-L
Nuclear Engineering	1-1	Burton 4 Tooey	0-1	Pi Kappa Alpha	2-0
Lacrosse	1-1	East Campus 2W	0-1	MacGregor 'G'	2-0
Theta Delta Chi	0-1	Phi Beta Epsilon	0-1	Spanish Inquisition	2-0
Delta Upsilon 'B'	0-2	Theta Xi 'B'	0-1	Epsilon Theta	1-1
Oper. Research, Cen.	0-2	C2-league	W-L	Theory of Computation	1-1
B2-league	W-L	Sigma Chi	2-0	Jack Florey II	0-2
East Campus 2E	2-0	MacGregor G22	2-0	Electricians	0-2
Phi Gamma Delta 'B'	2-0	Zeta Beta Tau 'C1'	2-0	Phi Delta Theta C	0-2
Alpha Epsilon Pi	1-0	Conner	1-1	C6-league	W-L
Const.Fac. Div	1-0	Fenway House	1-1	Delta Tau Delta	2-0
Beta Theta Pi	1-1	Tau Epsilon Phi	0-2	Alpha Tau Omega	2-0
Jack Florey I	1-1	Senior House	0-2	Pi Lambda Phi 'B'	2-0
Sigma Alpha Epsilon B	0-2	BSU 'C'	0-2	Phi Gamma Delta 'C'	1-1
Baker B3	0-2	C3-league	W-L	Burton 5 Smokers 'Y'	1-1
Phi Sigma Kappa	0-2	Lambda Chi Alpha	1-0	MacGregor F	0-2
		Conner 3 Rockets	1-0	Baker C3	0-2
				NRSA	0-2



MIT's outstanding cross country runner, Frank Richardson '77, shows the strains of his sport as he competes in last week's New England Cross Country Championship. Richardson ran the course in a fine 24:39 but was able to place only 19th among the best runners in the area. MIT as a team finished 15th.
Photo by Ed McCabe

IM basketball results:

A-leagues			
Delta Upsilon	57	Tang 'A'	36
Phi Gamma Delta	44	Conner 3 'A'	42
Delta Tau Delta	23	BSU 'A'	22
Sigma Alpha Epsilon	63	Plumbers	55
The Macks	60	Burton 5 Smokers	37
Chemical Engineering	48	Ashdown	35
Baker 'A'	41	Little Green Men	34
Tang 'A'	34	Conner 3 'A'	34
Lambda Chi Alpha	34	BSU 'A'	20
Lambda Chi Alpha	35	Ashdown	32
Chemical Engineering	54	MacGregor 'Z'	30
Delta Upsilon	53	Conner 3 'A'	38
Phi Gamma Delta	49	Tang 'A'	35
Delta Tau Delta	40	Plumbers	19
B-leagues			
Economics	41	Tang 'B'	14
Hydros	27	MacGregor I	23
Math	17	East Campus Yarbroughs	16
Maxwell's Demons	43	BLOS	31
Delta Psi	25	Chi Phi	31
Phi Beta Epsilon	32	Phi Delta Theta	19
Sloan	34	Kappa Sigma	28
Burton 1+	34	Delta Upsilon 'B'	30
Sigma Phi Epsilon A'	25	Baker 'B2'	17
Lacrosse	20	Nuclear Enineering	17
Pi Lambda Phi 'A'	25	Sigma Alpha Epsilon 'B'	19
Phi Gamma Delta 'B'	22	Operations Research	15
Beta Theta Pi	33	Baker 'B3'	21
East Campus 2E	43	Phi Sigma Kappa	8
Theta Chi	38	Chi Phi	4
Delta Psi	35	Phi Beta Epsilon	21
C-leagues			
Burton 5 Smokers 'X'	53	Russian House	18
Lambea Chi Alpha	46	Club 21	27
Conner 3Rockets	29	MacGregor	D31
MacGregor J	26	Delta Kappa Epsilon	17
East Campus 5W	39	Alpha Epsilon Pi	13
Zeta Beta Tau 'C2'	49	Theta Delta Chi 'C1'	20
Sloan	45	Conner 3 Puds	14
Theta Xi 'A'	30	Kappa Sigma	21
MacGregor H Turkeys	37	MacGregor D	31
MacGregor G	40	Jack FloreyII	12
Spanish Inquisition	41	Electricians	15
Theory of Computation	16	Phi Delta Theta 'C'	12
Pi Kappa Alpha	31	Epsilon Theta	29
Sigma Chi	63	Tau Epsilon Phi	10
MacGregor G22	38	Senior House	17
569	20	Phi Beta Epsilon	11
Zeta Beta Tau 'C2'	25	BSU 'C'	16
Conner	32	Fenway House	25
Detla Tau Delta	36	MacGregor F	16
Alpha Tau Omega	30	Burton 5 Smokers 'Y'	20
Pi Lambda Phi	26	Baker 'C3'	15
Phi Gamma Delta 'C'	12	NRSA	11
Phi Mu Delta	17	Theta Delta Chi 'C2'	14
Bexley	37	MacGregor A	17
Sigma Alpha Epsilon 'C'	40	Baker 'C2'	34
Sigma Phi Epsilon	29	East Campus 2W	11
Hillel	28	Burton H. Tooley	11
E. C. 4W/Chemistry	35	Theta Xi	14